

PENAIR® M5571

Aircraft Stain & Carbon Remover

- **Penair M5571** is a heavy-duty biodegradable, solvent-based exterior aircraft cleaner. It is suitable for cleaning all painted and unpainted aircraft surfaces. It will eliminate streaking problems and improve aircraft appearance.
- **Penair M5571** is effective at removing exhaust deposits, cleaning wheel wells and removing hydraulic fluid from wing flap areas.

Incompatibility: Strong oxidizing agents.



Most Cleaning Operations

Apply Penair M5571 by coarse spray, mop, sponge, cloth or brush at dilution ratios 1:1 to 1:10 parts water, depending on the application and soils involved. After allowing a short dwell time, agitation by brush or scrub pad and thorough water rinsing will insure complete penetration and removal of stubborn soil deposits.

For Regular Cleaning of Exhaust Track Areas and Wheel Wells

Dilute 1:2 with water. For particularly oily stains, use solvent solution 1:1. Apply to surface liberally, preferably with a high-pressure coarse sprayer. After a dwell time of 1 to 2 minutes, agitate with scrub pad or brush where necessary, then hose or pressure rinse thoroughly with large volumes of water.

For Extremely Heavily Oiled Surfaces

Use Penair M5571 concentrated or diluted 1:1 with water.

Aerosol

Spray Penair M5571 Aerosol onto surface to be cleaned. Allow up to 3 minutes dwell time. Scrub with a brush or rub with clean cloth. Rinse thoroughly with fresh water or wipe dry.

Wipes

Rub surface to be cleaned with one sheet of Penair M5571 Wipe. Continue to wipe surface until soil is removed or sheet is dry. Repeat if necessary. Rinse thoroughly with fresh water or wipe dry.

Features and Benefits

- Solvent based
- Low VOC's
- Minimizes skin irritation
- Non-corrosive to aircraft metals
- Near neutral pH
- Excellent cleaning efficiency
- Reduced impact on air quality

Available Sizes

- 13 oz. (aerosol) (12 case)
- 5 gallon pail
- 25 wipes/pouches (10 case of 12)
- 55 gallon drum

Approvals

- MIL-PRF-85570d Type IA (aerosol)
- MIL-PRF-85570d Type I (wipes)
- MIL-PRF-85570d Type IW
- Douglas Aircraft CSD-1

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Physical Properties

| | Liquid | Aerosol | Wipes |
|---------------------------|-----------------------|--------------|--------------|
| Appearance | Clear amber liquid | Same | On wipe |
| Odor | Mild solvent | Same | Same |
| pH | About 9 | Same | Same |
| Freezing Point | About 30°F | Same | Same |
| Boiling Point | About 212°F | Same | Same |
| Flash Point (TCC) | 147°F, 185°F COC | None to boil | None to boil |
| Relative Density | 1.03 | 1.01 | 1.01 |
| Auto-Ignition Temperature | Not determined | Same | Same |
| Water Solubility | Emusifies | Same | Same |
| Viscosity | 10-30 CP at room temp | < 10 | < 10 |

Warehousing Precautions

Store in a well-ventilated place. Keep container tightly closed when not in use. Store locked up. Do not store near heat, sparks, open flame, or other ignition sources. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

Personal Protection/ Security Equipment



WHMIS



First Aid Measures

If in the eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists or develops: Get medical advice or attention. Chemisphere recommends that after any eye exposure a physician be seen immediately.

If swallowed: Immediately call a poison center, doctor, physician or other competent medical authority. Rinse mouth. Product presents an aspiration hazard.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center, doctor, physician or other competent medical authority if you feel unwell.

If on skin (or hair): Wash with plenty of water or mild soap. Take off immediately all contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice or attention.

IMPORTANT: Before using PENAIR M5571, always be sure to read and follow precautions and directions for use appearing on the product container label and the safety data sheet (S.D.S.)